

## CLAIMS

1. A method for extracting slurry by extracting slurry from an agitation vessel having a bottom face and a side wall and housing the slurry, characterized in that the slurry is extracted from an open end of a slurry extraction tube provided at the side wall of the agitation vessel.

2. The method for extracting slurry as claimed in claim 1, wherein the open end of the slurry extraction tube protrudes from the side wall of the agitation vessel in a direction toward an interior of the agitation vessel.

3. The method for extracting slurry as claimed in claim 2, wherein the slurry flows in the agitation vessel, and a normal line direction of a surface of the open end of the slurry extraction tube is in a direction of an angle with respect to a downstream direction of a flow of the slurry of  $0^{\circ}$  or more and less than  $90^{\circ}$ .

4. The method for extracting slurry as claimed in claim 2, wherein the slurry flows in the agitation vessel, and a normal line direction of a surface of the open end of the slurry extraction tube is in a direction of an angle with respect to a downstream direction of a flow of the slurry of from  $0^{\circ}$  to  $60^{\circ}$ .

5. The method for extracting slurry as claimed in claim 2, wherein the slurry flows in the agitation vessel, and

a normal line direction of a surface of the open end of the slurry extraction tube is in a direction of an angle with respect to a downstream direction of a flow of the slurry of 0° or more and less than 30°.

6. The method for extracting slurry as claimed in claim 1, wherein the slurry is extracted through a decompression valve to a vessel under a pressure lower than the agitation vessel.

7. The method for extracting slurry as claimed in claim 1, wherein the slurry is extracted by aspirating with a pump.

8. The method for extracting slurry as claimed in claim 1, wherein the slurry comprises terephthalic acid and a liquid.

9. The method for extracting slurry as claimed in claim 8, wherein the terephthalic acid is obtained through hydrolysis of dimethyl terephthalate.